

Year 2014 Published/Accepted	
1	Ulhas S. Sonawane, E.P. Samuel, ChetanKasar, D.S.Patil , "Analysis of tunneling phenomenon and electron confinement in quantum nano-wire", Applied Mechanics and Materials , 481,(2014), 40-44
2	Chetan K. Kasar, Ulhas S Sonawane, D.S. Patil , "Effect of post annealing temperature on Ce doped ZnO nanostructure", Applied Mechanics and Materials 481,(2014), 45-48
3	Edmund P Samuel, UlhasSonawane, Bhavana N. Joshi, D. S. Patil "Investigation of Diverse Characteristics of Strained III-V Nitride Quantum Well", International Journal of Engineering and Technical Research (IJETR) , 2(9),(September 2014),372-375
4	Yogesh S. Mhaisagar, Bhavana N. Joshi and A.M. Mahajan , "Mechanical properties of surface modified silica low-k thin films for ILD applications in nano-electronics", Microelectronics Engineering , 114, 112-116 (2014), IF- 1.3.
5	A. M. Mahajan , Anil G. Khairnar, Brian J. Thibeault "Electrical properties of MOS capacitors formed by PEALD grown Al ₂ O ₃ on silicon" Semiconductors (Springer) , 48 (4) (2014),IF- 0.60.
6	ChetanKasar, UlhasSonawane, PrasanthaMudimela, Jean-Francois Colomer, D.S.Patil , Physics of Semiconductor Devices, Environmental Science and Engineering , DOI: 10.1007/978 -3-319-03002-9_199
7	P K Baviskar, R B Gore , A Ennaoui & B R Sankapal,"Cactus architecture of ZnO nanoparticles network through simple wet chemistry: Efficient dye sensitized solar cells" Material Letters 116 (2014) 91-93
8	P K Baviskar, A Ennaoui& B R Sankapal ,"Influence of processing parameters on chemically grown ZnO films with low cost EosinY dye towards efficient dye sensitized solar cell" Solar Energy 105(2014) 445-454
9	"V ₂ O ₅ Precursor-Templated Synthesis of Textured Nanoparticles Based VN Nanofibers and their Exploration as Efficient Field Emitter" Khemchand Dewangan, Girish P. Patil, Ranjit V. Kashid, V. S. Bagal, M. A. More, D. S. Joag, N. S. Gajbhiye, Padmakar G. Chavan <i>Vacuum</i> 109, (2014), 223.
10	"CdS nanowires: Ultra-long growth and enhanced field emission properties" Padmakar G. Chavan , Satish S. Badadhe, Imtiaz S. Mulla, Mahendra A. More and Dilip S. Joag, <i>Vacuum</i> 101, (2014), 38.
11	"Photo-enhanced field emission studies of tapered CdS nanobelts" Padmakar G. Chavan , Mahendra A. More, D. S. Joag, Satish S. Badadhe' Imtiaz S. Mulla, <i>IEEE, ISBN: 978-1-4799-5306-6 DOI: 10.1109/IVNC.2014.6894770 (2014)</i> .
12	"Enhancement in the field emission behavior of graphene in N ₂ /O ₂ high vacuum ambience" S.R. Suryawanshi, P.S Kolhe,. D. S. Gavhane, S. S. Patil, P. G. Chavan , M. A. More, D.J. Late, <i>IEEE ISBN: 978-1-4799-5306-6, DOI: 10.1109/IVNC.2014.6894791 (2014)</i>